

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 29, 1958

The 4 cases of encephalitis reported by the Kansas State Board of Health include 3 cases of St. Louis encephalitis and 1 case of western equine encephalitis.

The Washington State Department of Health has reported that so far this year 375 cases of aseptic meningitis have been recorded. There were sizable outbreaks in at least 4 jurisdictions, with the number of cases ranging from 26 in the smallest outbreak to 158 in the largest. The Department also reported that virus isolation studies have shown 39 specimens positive for ECHO 9 virus and 6 for ECHO type 6 virus. No isolation of Coxsackie virus has been made so far.

The incidence of poliomyelitis is continuing to decrease steadily. The 119 total cases reported for the current week is the lowest figure since early July, and the 69 paralytic

cases is the lowest number since the week ended August 2 when also 69 cases were reported. A brief summary of the cumulative figures for paralytic cases so far this year shows that almost 30 percent of the total was reported in Michigan and Texas with 473 and 387 cases respectively. When the figures for California, 234, and New York State, including New York City, 173, are added, the sum amounts to 44 percent of the total cases. Nine States in 6 of the geographic divisions have reported more than 100 paralytic cases each. For 2 States, New Hampshire and Idaho, no cases have been recorded. Ten other States and the District of Columbia have reported 5 or less paralytic cases.

Summaries of the incidence of poliomyelitis during 1958

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(numbers after diseases are category numbers of the Seventh Revision of the International Lists, 1955)

DISEASE	48th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Nov. 29, 1958	Ended Nov. 30, 1957	Median 1953-57	First 48 weeks			Since seasonal low week			
				1958	1957	Median 1953-57	1957-58	1956-57	Median 1952-53 to 1956-57	
Anthrax-----062	-	1	-	15	19	26	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	4	11	12	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	13	9	17	741	861	1,201	(1)	(1)	(1)	(1)
Diphtheria-----055	32	32	49	806	1,050	1,720	456	586	975	July 1
Encephalitis, infectious-----082	33	27	27	2,207	1,740	1,740	1,598	1,180	1,180	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	253	168	348	14,379	13,906	29,701	3,784	2,896	5,732	Sept. 1
Malaria-----110-117	1	1	15	73	144	457	(1)	(1)	(1)	(1)
Measles-----085	3,718	2,419	2,573	736,838	467,001	540,953	26,475	17,347	17,347	Sept. 1
Meningococcal infections-----057	45	61	61	2,395	2,390	3,225	623	705	705	Sept. 1
Meningitis, other-----340	86	28	---	4,073	2,185	---	---	---	---	---
Poliomyelitis-----080	119	57	290	45,681	5,745	28,456	45,462	5,219	27,305	Apr. 1
Paralytic-----080.0,080.1	69	31	---	2,879	2,081	---	2,758	1,807	---	Apr. 1
Nonparalytic-----080.2	28	19	---	1,957	2,754	---	1,889	2,591	---	Apr. 1
Unspecified-----080.3	22	7	---	845	910	---	815	821	---	Apr. 1
Psittacosis-----096.2	2	6	6	133	233	254	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	5	5	8	(1)	(1)	(1)	(1)
Typhoid fever-----040	15	11	25	1,001	1,241	1,687	824	984	1,375	Apr. 1
Typhus fever, endemic-----101	-	-	1	66	110	125	54	85	109	Apr. 1
Rabies in animals-----	52	54	106	4,227	3,942	4,764	557	539	699	Oct. 1

¹Data show no pronounced seasonal change in incidence.

²Includes revised report from Michigan for week ended November 15.

³Includes 19 cases of aseptic meningitis; see footnotes to table 2.

⁴Includes revised report for one or more of the categories of poliomyelitis for Indiana, North Carolina, Pennsylvania, and Vermont.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

COMMUNICABLE DISEASE CENTER

50 SEVENTH STREET, N. E.

have been received from several States. A summary of the information on paralytic cases by age and vaccination status from Arkansas, Colorado, New York State (excluding New York city), North Carolina, and Oklahoma is as follows:

AGE	Total	INOCULATIONS				
		0	1	2	3	Not stated
ALL AGES-----	191	120	10	22	30	9
Under 5 years-----	67	45	7	6	7	2
5-9 years-----	31	13	2	6	8	2
10-14 years-----	18	9	1	2	5	1
15-19 years-----	16	9	-	5	3	1
20 years and over-----	57	44	-	3	7	3

The percentage of cases in children under 5 years of age in each of the States varied from about 23 percent in New York State to about 60 percent in North Carolina. And the percentage of cases in children under 5 years of age who had received no vaccine ranged from about 36 percent in Oklahoma to 100 percent in Colorado where there were only 5 cases in children under 5 years.

New York State, exclusive of New York city, reported there have been 6 deaths attributed to poliomyelitis; North Carolina reported 4 deaths, and Colorado 2. In New York State the age of the persons who died ranged from 4 to 29 years. Poliovirus of type 1 was isolated from 5 of the 6 persons. Two of the persons had had 3 inoculations. In North Carolina 3 of the 4 persons who died had received the complete series of inoculations. All 4 persons were 15 years of age or older.

The Virginia Department of Health has reported that 142 cases of poliomyelitis have been reported in that State; 69 of these were in children under 5 years of age. The number of paralytic cases was 124, of which 7 were in persons who had received 3 inoculations. There have been 10 deaths reported in Virginia.

According to a report from the Texas State Department of Health, 211 (66.4 percent) of the 318 paralytic cases reported in that State have been in children under 5 years of age. Of the 211 cases, 171 (81.0 percent) had received no vaccine. Fourteen deaths have been reported through the first 9 months of the year.

Information from the Washington State Department of Health states that of 29 paralytic cases only 1 occurred in a person who had received the 3 inoculations. There have been 2 deaths reported as attributable to poliomyelitis; neither person had received any vaccine. It was reported that type 1 poliovirus has been isolated from 18 ill persons and type 3 from 1 person. In New York State, type 1 virus was reported isolated from 22 of 24 persons with nonfatal illness and type 3 from 1 person.

EPIDEMIOLOGICAL REPORTS

Salmonellosis

Dr. D. S. Fleming, Minnesota Department of Health, has supplied information about the isolation of *Salmonella adelaide* in a stool specimen from a female college student. According to Dr. J. W. Hanson, director of the college's health service, the student sailed for Europe on June 30, traveling with the group participating in the program, "Experiment in International Living." After 4 or 5 days at sea a great many of the ship's passengers, including the girl, became ill with acute gastro-enteritis. After about 3 days of acute symptoms she reported she felt fairly well, although during her 2-month stay in Europe and later back in college she suffered recurring anorexia and diarrhea. While in France during August she experienced an exacerbation of her symptoms. She thought this might have been due to the drinking water. While in Europe she spent most of her time in The Hague in the Netherlands, but also traveled in Belgium, Luxemburg, France, and Germany. It was reported that the girl was given a booster injection of typhoid-paratyphoid vaccine in April; the original series was given in 1955.

Histoplasmosis

Information from the Mississippi State Board of Health states that an outbreak of histoplasmosis among children of the 6th grade in a school has been tentatively reported. Eight children are under study for mild to moderately severe upper respiratory infections. Chest X-ray readings for several of the children are compatible with the tentative diagnosis. The grouping of the cases indicates a common exposure to material obtained from a blackbird roost for use in a class project for potted plants. This material and other sources are being studied.

Aseptic meningitis

Information has been received from the Maine Department of Health and Welfare about 3 cases of aseptic meningitis due to ECHO 9 virus. These 3 ill persons were an adult male, a 14-year-old boy, and an 8-year-old girl. The diagnoses were confirmed by isolation of the virus. It is reported these cases are part of a small neighborhood outbreak which also included as probable cases a younger sister of the boy and the children of a nearby family. All had been in association in the neighborhood. Some of the ill individuals had a rash as well as meningeal symptoms.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 30, 1957, AND NOVEMBER 29, 1958
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTION		HEPATITIS, INFECTION, AND SERUM 092,N998.5 pt.			
	044		48th week		Cumulative first 48 weeks		082		48th week		Cumulative first 48 weeks	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	13	9	32	32	806	1,050	33	27	253	168	14,379	13,906
NEW ENGLAND-----	-	1	-	-	8	26	3	1	12	10	560	746
Maine-----	-	-	-	-	-	3	-	-	1	1	68	233
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	2	8
Vermont-----	-	-	-	-	-	-	-	-	2	-	29	88
Massachusetts-----	-	1	-	-	7	23	2	1	6	5	282	221
Rhode Island-----	-	-	-	-	-	-	1	-	-	3	67	74
Connecticut-----	-	-	-	-	1	-	-	-	3	1	112	122
MIDDLE ATLANTIC-----	-	-	-	1	36	88	6	8	56	46	1,964	2,269
New York-----	-	-	-	-	16	40	5	4	29	23	1,307	1,424
New Jersey-----	-	-	-	-	3	10	-	3	4	13	157	279
Pennsylvania-----	-	-	-	1	17	38	1	1	23	10	500	566
EAST NORTH CENTRAL-----	2	1	3	1	45	52	7	3	42	34	2,362	2,429
Ohio-----	-	-	2	1	10	14	-	-	13	10	736	596
Indiana-----	-	-	1	-	19	17	6	-	3	9	209	316
Illinois-----	-	-	-	-	9	3	-	-	4	4	566	670
Michigan-----	-	-	-	-	6	16	-	1	11	11	633	612
Wisconsin-----	2	1	-	-	1	2	1	2	11	-	218	235
WEST NORTH CENTRAL-----	4	2	17	5	128	86	6	2	16	8	1,162	761
Minnesota-----	-	-	16	-	67	35	1	-	4	3	177	285
Iowa-----	2	1	-	3	14	10	1	-	-	2	197	173
Missouri-----	-	1	-	-	14	1	-	-	6	-	236	123
North Dakota-----	-	-	1	-	4	3	-	-	4	3	219	95
South Dakota-----	1	-	-	-	17	10	-	-	-	-	16	35
Nebraska-----	-	-	-	2	10	20	-	-	-	-	81	24
Kansas-----	1	-	-	-	2	7	4	2	2	-	236	26
SOUTH ATLANTIC-----	4	-	6	9	262	360	1	3	21	14	1,101	1,071
Delaware-----	-	-	-	-	-	-	-	-	-	1	52	11
Maryland-----	-	-	-	-	3	3	-	-	4	1	152	94
District of Columbia-----	-	-	-	-	2	-	-	-	-	-	19	12
Virginia-----	3	-	-	2	32	18	-	-	3	3	263	409
West Virginia-----	-	-	-	-	10	9	-	-	5	2	147	90
North Carolina-----	-	-	-	1	28	46	-	2	2	1	62	103
South Carolina-----	-	-	-	4	38	100	-	1	-	-	39	33
Georgia-----	1	-	5	-	99	102	-	-	2	-	134	124
Florida-----	-	-	1	2	50	82	1	-	5	6	233	195
EAST SOUTH CENTRAL-----	1	1	2	2	83	157	1	6	15	7	1,161	1,751
Kentucky-----	-	-	-	-	5	18	-	2	4	1	561	749
Tennessee-----	1	-	-	-	10	12	-	-	4	1	309	630
Alabama-----	-	1	1	1	38	69	-	-	5	3	206	247
Mississippi-----	-	-	1	1	30	58	1	4	2	2	85	125
WEST SOUTH CENTRAL-----	-	3	4	10	177	207	2	1	8	9	1,080	1,073
Arkansas-----	-	1	-	8	34	45	-	-	1	2	97	77
Louisiana-----	-	-	3	1	65	25	-	-	-	-	13	51
Oklahoma-----	-	-	-	-	25	23	1	-	4	4	149	128
Texas-----	-	2	1	1	53	114	1	1	3	3	821	817
MOUNTAIN-----	-	1	-	4	54	39	-	-	42	16	2,238	1,207
Montana-----	-	-	-	1	16	10	-	-	9	1	379	171
Idaho-----	-	-	-	-	2	1	-	-	1	1	187	97
Wyoming-----	-	-	-	3	2	9	-	-	1	2	19	55
Colorado-----	-	-	-	-	12	2	-	-	16	8	289	184
New Mexico-----	-	-	-	-	18	11	-	-	2	3	322	377
Arizona-----	-	-	-	-	4	4	-	-	11	1	768	237
Utah-----	-	1	-	-	-	2	-	-	2	-	172	56
Nevada-----	-	-	-	-	-	-	-	-	-	-	102	30
PACIFIC-----	2	-	-	-	13	35	7	3	41	24	2,751	2,599
Washington-----	-	-	-	-	-	23	-	-	1	3	433	359
Oregon-----	-	-	-	-	8	3	1	-	11	5	419	485
California-----	2	-	-	-	5	9	6	3	29	16	1,899	1,755
Alaska-----	-	-	-	-	-	-	-	-	1	-	80	99
Hawaii-----	-	-	-	-	-	1	-	-	-	2	63	65
Puerto Rico-----	-	-	2	-	50	60	-	-	14	-	167	159

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 30, 1957, AND NOVEMBER 29, 1958—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic					
	48th week		Cumulative first 48 weeks		080.0,080.1		080.2		110-117		085	
	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957
CONT. UNITED STATES-----	119	57	5,681	5,745	69	31	28	19	1	1	3,718	2,419
NEW ENGLAND-----	-	1	90	81	-	1	-	-	-	-	215	126
Maine-----	-	1	4	9	-	1	-	-	-	-	23	48
New Hampshire-----	-	-	4	4	-	-	-	-	-	-	-	10
Vermont-----	-	-	26	5	-	-	-	-	-	-	46	-
Massachusetts-----	-	-	30	24	-	-	-	-	-	-	80	51
Rhode Island-----	-	-	3	-	-	-	-	-	-	-	2	-
Connecticut-----	-	-	43	39	-	-	-	-	-	-	64	17
MIDDLE ATLANTIC-----	12	2	680	336	10	1	2	-	-	-	1,226	279
New York-----	6	2	283	214	5	1	1	-	-	-	135	203
New Jersey-----	4	-	286	79	3	-	1	-	-	-	137	24
Pennsylvania-----	2	-	211	43	2	-	-	-	-	-	954	52
EAST NORTH CENTRAL-----	29	9	2,021	1,521	11	6	9	1	-	-	508	469
Ohio-----	4	3	378	266	2	2	1	-	-	-	285	66
Indiana-----	8	4	2137	193	2	3	-	-	-	-	53	22
Illinois-----	-	-	233	345	-	-	-	-	-	-	37	28
Michigan-----	17	2	1,213	504	7	1	8	1	-	-	73	92
Wisconsin-----	-	-	60	213	-	-	-	-	-	-	60	261
WEST NORTH CENTRAL-----	15	4	387	452	12	1	-	2	-	-	292	73
Minnesota-----	1	-	32	52	1	-	-	-	-	-	7	1
Iowa-----	-	-	67	83	-	-	-	-	-	-	221	16
Missouri-----	13	3	168	124	11	1	-	2	-	-	18	-
North Dakota-----	-	-	41	11	-	-	-	-	-	-	39	56
South Dakota-----	1	-	14	40	-	-	-	-	-	-	-	-
Nebraska-----	-	-	34	77	-	-	-	-	-	-	7	-
Kansas-----	-	1	31	65	-	-	-	-	-	-	(*)	-
SOUTH ATLANTIC-----	27	11	835	825	16	4	7	7	-	-	452	445
Delaware-----	2	-	25	5	-	-	2	-	-	-	-	1
Maryland-----	2	5	27	34	2	3	-	2	-	-	33	154
District of Columbia-----	-	1	5	67	-	1	-	-	-	-	2	38
Virginia-----	4	-	147	109	1	-	1	-	-	-	144	68
West Virginia-----	4	-	197	50	3	-	1	-	-	-	97	71
North Carolina-----	2	4	2107	218	2	-	-	4	-	-	19	29
South Carolina-----	6	1	32	128	4	-	1	1	-	-	-	36
Georgia-----	2	-	56	82	-	-	1	-	-	-	52	32
Florida-----	5	-	239	132	4	-	1	-	-	-	105	16
EAST SOUTH CENTRAL-----	9	6	358	412	6	3	3	1	-	-	124	168
Kentucky-----	3	-	73	109	3	-	-	-	-	-	11	23
Tennessee-----	4	3	115	148	2	2	2	-	-	-	106	137
Alabama-----	2	-	55	53	1	-	1	-	-	-	7	1
Mississippi-----	-	3	115	102	-	1	-	1	-	-	-	7
WEST SOUTH CENTRAL-----	18	11	730	1,077	11	4	6	6	1	-	101	179
Arkansas-----	-	-	27	55	-	-	-	-	-	-	-	31
Louisiana-----	1	1	78	180	-	1	1	-	-	-	-	4
Oklahoma-----	1	1	58	123	-	-	-	-	1	-	-	2
Texas-----	16	9	567	719	11	3	5	6	-	-	101	142
MOUNTAIN-----	5	1	199	239	-	1	-	-	-	-	392	284
Montana-----	2	-	66	12	-	-	-	-	-	-	225	124
Idaho-----	-	-	12	25	-	-	-	-	-	-	3	88
Wyoming-----	1	-	13	13	-	-	-	-	-	-	5	-
Colorado-----	-	1	20	49	-	1	-	-	-	-	86	10
New Mexico-----	2	-	38	49	-	-	-	-	-	-	31	21
Arizona-----	-	-	34	55	-	-	-	-	-	-	32	33
Utah-----	-	-	11	32	-	-	-	-	-	-	10	8
Nevada-----	-	-	5	4	-	-	-	-	-	-	-	-
PACIFIC-----	4	12	381	802	3	10	1	2	-	1	408	396
Washington-----	-	1	34	19	-	1	-	-	-	-	54	83
Oregon-----	1	1	39	46	1	1	-	-	-	-	101	108
California-----	3	10	308	737	2	8	1	2	-	1	253	205
Alaska-----	-	-	2	3	-	-	-	-	-	-	13	7
Hawaii-----	-	-	75	10	-	-	-	-	-	-	5	-
Puerto Rico-----	-	-	55	33	-	-	-	-	-	-	102	24

¹Includes cases not specified by type, category number 080.3. paralytic, nonparalytic, and unspecified poliomyelitis.²Includes revised report for one or more of the categories

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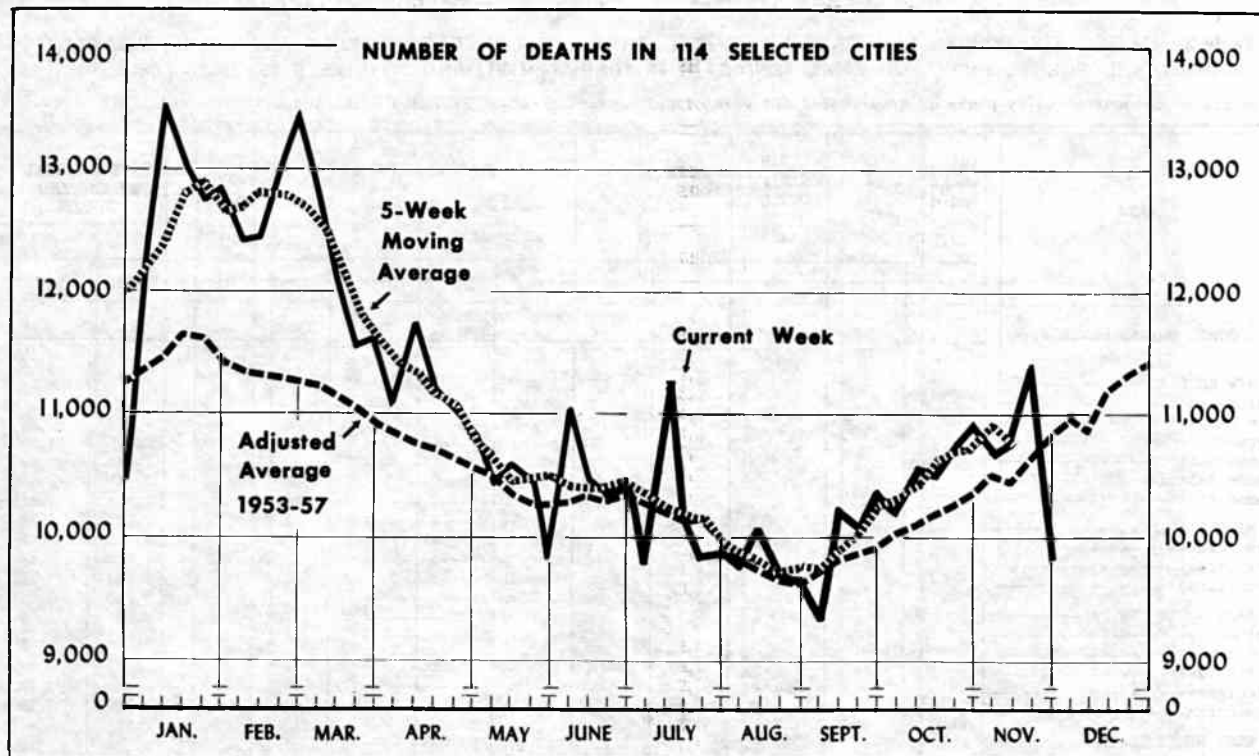
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 30, 1957, AND NOVEMBER 29, 1958—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			096.2		48th week		Cumulative first 48 weeks			101	1958
	1958	1957		1958	1957	1958	1957	1958	1957	1958		
CONT. UNITED STATES-----	45	61	86	2	6	15	11	1,001	1,241	-	52	54
NEW ENGLAND-----	4	3	11	-	-	1	1	20	25	-	-	-
Maine-----	1	-	-	-	-	-	-	2	2	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	1	2	-	-	-
Vermont-----	-	-	3 ¹	-	-	-	-	-	-	-	-	-
Massachusetts-----	2	2	9	-	-	-	1	9	13	-	-	-
Rhode Island-----	-	1	1	-	-	-	-	1	5	-	-	-
Connecticut-----	1	-	-	-	-	1	-	7	3	-	-	-
MIDDLE ATLANTIC-----	4	9	-	-	-	2	4	108	150	-	2	3
New York-----	2	3	-	-	-	1	1	35	57	-	2	2
New Jersey-----	-	3	-	-	-	1	-	25	20	-	-	-
Pennsylvania-----	2	3	-	-	-	-	3	48	73	-	-	1
EAST NORTH CENTRAL-----	9	12	33	1	1	2	3	103	174	-	11	10
Ohio-----	-	4	-	-	-	1	-	38	63	-	7	6
Indiana-----	1	1	4	-	-	1	3	19	62	-	2	1
Illinois-----	3	1	24	-	-	-	-	22	20	-	1	-
Michigan-----	3	5	1	-	-	-	-	14	15	-	-	-
Wisconsin-----	2	1	3 ⁴	1	1	-	-	10	14	-	1	3
WEST NORTH CENTRAL-----	4	3	2	1	-	-	-	77	88	-	13	12
Minnesota-----	1	-	1	-	-	-	-	3	5	-	6	4
Iowa-----	1	-	-	-	-	-	-	16	22	-	3	4
Missouri-----	-	1	1	-	-	-	-	36	44	-	1	2
North Dakota-----	1	-	-	-	-	-	-	2	2	-	1	-
South Dakota-----	-	1	-	-	-	-	-	7	8	-	-	-
Nebraska-----	1	1	-	-	-	-	-	2	1	-	2	2
Kansas-----	-	-	-	1	-	-	-	11	6	-	-	-
SOUTH ATLANTIC-----	9	13	9	-	-	2	-	168	231	-	7	11
Delaware-----	-	-	1	-	-	-	-	5	1	-	-	-
Maryland-----	1	1	1	-	-	-	-	11	10	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	6	9	-	-	-
Virginia-----	1	4	3	-	-	-	-	38	41	-	2	4
West Virginia-----	1	-	2	-	-	-	-	21	50	-	1	-
North Carolina-----	2	1	-	-	-	1	-	20	14	-	-	-
South Carolina-----	-	3	-	-	-	-	-	12	20	-	2	3
Georgia-----	3	3	-	-	-	1	-	33	32	-	2	4
Florida-----	1	1	4 ²	-	-	-	-	22	54	-	-	-
EAST SOUTH CENTRAL-----	8	11	6	-	-	4	-	121	171	-	7	5
Kentucky-----	-	2	-	-	-	2	-	38	54	-	6	-
Tennessee-----	2	6	3	-	-	2	-	36	65	-	1	2
Alabama-----	4	3	-	-	-	-	-	19	12	-	-	3
Mississippi-----	2	-	3	-	-	-	-	28	40	-	-	-
WEST SOUTH CENTRAL-----	4	4	7	-	1	2	2	231	248	-	8	9
Arkansas-----	2	-	2	-	-	1	-	30	42	-	2	2
Louisiana-----	1	-	-	-	-	-	2	83	59	-	-	1
Oklahoma-----	-	2	1	-	-	-	-	11	26	-	-	-
Texas-----	1	2	4	-	1	1	-	107	121	-	6	6
MOUNTAIN-----	3	1	5	-	-	-	-	75	54	-	-	-
Montana-----	1	-	-	-	-	-	-	4	3	-	-	-
Idaho-----	1	-	-	-	-	-	-	7	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	4	2	-	-	-
Colorado-----	-	-	5	-	-	-	-	9	12	-	-	-
New Mexico-----	-	1	-	-	-	-	-	32	20	-	-	-
Arizona-----	1	-	-	-	-	-	-	11	10	-	-	-
Utah-----	-	-	-	-	-	-	-	-	3	-	-	-
Nevada-----	-	-	-	-	-	-	-	8	-	-	-	-
PACIFIC-----	-	5	13	-	4	2	1	98	100	-	4	4
Washington-----	-	3	-	-	-	-	-	3	7	-	-	-
Oregon-----	-	-	-	-	3	-	-	13	6	-	-	-
California-----	-	2	3 ¹³	-	1	2	1	82	87	-	4	4
Alaska-----	1	-	-	-	-	-	-	1	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	4	-	-	-
Puerto Rico-----	-	-	1	-	-	1	-	25	17	-	-	-

³Septic meningitis.⁴Includes 1 case of aseptic meningitis.

Symbols.—1 dash [-] : no cases reported; asterisk [*] : disease not notifiable.



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year¹, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1953-57, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1953-57, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is the 5-week moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	48th week ended Nov. 29, 1958	47th week ended Nov. 22, 1958	Adjusted average, 48th week 1953-57	Percent change, adjusted average to current week	CUMULATIVE NUMBER FIRST 48 WEEKS		
					1958	1957	Percent change
TOTAL: 114 REPORTING CITIES-----	19,818	11,394	10,887	-9.8	1,529,141	523,834	+1.0
New England----- (14 cities)	1,625	684	719	-13.1	133,444	5,990	-0.4
Middle Atlantic----- (20 cities)	2,831	3,276	3,243	-12.7	152,543	15,000	+0.3
East North Central----- (19 cities)	2,056	2,435	2,357	-12.8	112,923	11,000	-0.4
West North Central----- (9 cities)	757	791	779	-2.8	37,528	5,000	+0.2
South Atlantic----- (11 cities)	832	912	907	-8.3	45,597	4,000	+3.2
East South Central----- (8 cities)	438	568	494	-11.3	24,637	2,000	+5.1
West South Central----- (13 cities)	858	933	863	-0.6	44,955	4,000	+3.2
Mountain----- (8 cities)	245	337	248	-1.2	14,166	1,000	+8.3
Pacific----- (12 cities)	1,176	1,448	1,318	-10.8	163,317	85,011	+0.5

¹Includes estimate for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	48th week ended Nov. 29, 1958	47th week ended Nov. 22, 1958	CUMULATIVE NUMBER FIRST 48 WEEKS		AREA	48th week ended Nov. 29, 1958	47th week ended Nov. 22, 1958	CUMULATIVE NUMBER FIRST 48 WEEKS	
			1958	1957				1958	1957
NEW ENGLAND:									
Boston, Mass.-----	205	235	11,467	11,369	WEST NORTH CENTRAL—Con.:				
Bridgeport, Conn.-----	42	46	1,799	1,852	St. Louis, Mo.-----	222	278	11,719	11,602
Cambridge, Mass.-----	22	33	1,368	1,421	St. Paul, Minn.-----	73	67	3,393	3,173
Fall River, Mass.-----	126	25	2,130	1,309	Wichita, Kans.-----	68	35	2,177	2,108
Hartford, Conn.-----	50	65	2,411	2,401	SOUTH ATLANTIC:				
Lowell, Mass.-----	20	10	1,208	1,335	Atlanta, Ga.-----	86	90	5,234	5,311
Lynn, Mass.-----	22	22	1,059	1,027	Baltimore, Md.-----	206	236	11,666	11,591
New Bedford, Mass.-----	22	22	1,102	1,164	Charlotte, N. C.-----	26	53	1,683	1,641
New Haven, Conn.-----	37	47	2,203	2,246	Jacksonville, Fla.-----	60	58	2,837	2,595
Providence, R. I.-----	67	57	3,075	2,989	Miami, Fla.-----	60	60	3,359	2,429
Somerville, Mass.-----	12	13	673	632	Norfolk, Va.-----	28	42	1,681	1,767
Springfield, Mass.-----	35	40	1,998	2,028	Richmond, Va.-----	83	65	3,563	3,616
Waterbury, Conn.-----	26	21	1,256	1,202	Savannah, Ga.-----	13	51	1,538	1,443
Worcester, Mass.-----	39	48	2,521	2,615	St. Petersburg, Fla.-----	(53)	(67)	(3,044)	---
					Tampa, Fla.-----	47	49	3,043	2,990
					Washington, D. C.-----	199	168	9,230	9,077
					Wilmington, Del.-----	24	40	1,763	1,726
MIDDLE ATLANTIC:									
Albany, N. Y.-----	49	58	2,365	2,392	EAST SOUTH CENTRAL:				
Allentown, Pa.-----	25	41	1,552	1,836	Birmingham, Ala.-----	74	97	4,138	3,855
Buffalo, N. Y.-----	118	151	7,090	6,912	Chattanooga, Tenn.-----	44	47	2,266	2,198
Camden, N. J.-----	38	28	1,966	1,941	Knoxville, Tenn.-----	29	28	1,300	1,300
Elizabeth, N. J.-----	20	29	1,409	1,363	Louisville, Ky.-----	89	132	5,222	5,127
Erie, Pa.-----	28	42	1,716	1,731	Memphis, Tenn.-----	94	126	5,483	5,110
Jersey City, N. J.-----	57	76	3,331	3,324	Mobile, Ala.-----	41	45	1,825	1,751
Newark, N. J.-----	67	106	4,521	4,924	Montgomery, Ala.-----	20	30	1,596	1,273
New York City, N. Y.-----	1,477	1,607	77,354	76,954	Nashville, Tenn.-----	47	63	2,807	2,834
Paterson, N. J.-----	25	46	1,930	1,862	WEST SOUTH CENTRAL:				
Philadelphia, Pa.-----	418	539	23,733	23,344	Austin, Tex.-----	29	26	1,520	1,432
Pittsburgh, Pa.-----	181	214	9,020	8,895	Baton Rouge, La.-----	11	30	1,315	1,188
Reading, Pa.-----	23	25	1,013	1,121	Corpus Christi, Tex.-----	13	26	1,002	1,018
Rochester, N. Y.-----	108	93	4,835	4,734	Dallas, Tex.-----	126	117	5,514	5,290
Schenectady, N. Y.-----	17	25	1,093	1,124	El Paso, Tex.-----	49	33	1,759	1,532
Scranton, Pa.-----	28	45	1,670	1,806	Fort Worth, Tex.-----	73	68	2,896	3,030
Syracuse, N. Y.-----	65	53	2,994	2,848	Houston, Tex.-----	126	138	7,496	7,186
Trenton, N. J.-----	37	42	2,197	2,145	Little Rock, Ark.-----	48	65	2,628	2,539
Utica, N. Y.-----	29	22	1,293	1,493	New Orleans, La.-----	153	184	8,320	8,280
Yonkers, N. Y.-----	21	34	1,461	1,413	Oklahoma City, Okla.-----	59	65	3,214	2,960
					San Antonio, Tex.-----	94	93	4,637	4,622
					Shreveport, La.-----	55	44	2,333	2,257
					Tulsa, Okla.-----	22	44	2,352	2,243
EAST NORTH CENTRAL:									
Akron, Ohio-----	42	67	2,703	2,619	MOUNTAIN:				
Canton, Ohio-----	34	30	1,482	1,515	Albuquerque, N. Mex.-----	19	33	1,343	1,244
Chicago, Ill.-----	681	752	35,905	36,667	Colorado Springs, Colo.---	9	15	723	649
Cincinnati, Ohio-----	137	188	7,658	7,357	Denver, Colo.-----	116	116	5,377	5,329
Cleveland, Ohio-----	169	198	9,884	10,025	Ogden, Utah-----	13	15	700	605
Columbus, Ohio-----	99	126	5,487	5,432	Phoenix, Ariz.-----	26	72	2,145	1,529
Dayton, Ohio-----	59	57	3,417	3,467	Pueblo, Colo.-----	13	20	626	600
Detroit, Mich.-----	346	336	15,298	15,655	Salt Lake City, Utah-----	32	44	2,279	2,163
Evansville, Ind.-----	40	30	1,827	1,567	Tucson, Ariz.-----	17	22	973	957
Flint, Mich.-----	33	46	1,797	1,811	PACIFIC:				
Fort Wayne, Ind.-----	21	51	1,667	1,749	Berkeley, Calif.-----	13	19	886	943
Gary, Ind.-----	23	41	1,494	1,404	Fresno, Calif.-----	(41)	(43)	(1,927)	---
Grand Rapids, Mich.-----	43	39	1,948	1,956	Glendale, Calif.-----	(40)	(26)	(1,576)	---
Indianapolis, Ind.-----	74	130	6,147	5,804	Long Beach, Calif.-----	60	59	2,639	2,594
Madison, Wis.-----	(25)	(32)	(1,545)	(1,530)	Los Angeles, Calif.-----	456	531	23,028	22,733
Milwaukee, Wis.-----	100	122	6,238	6,308	Oakland, Calif.-----	188	121	4,447	4,540
Peoria, Ill.-----	13	42	1,508	1,459	Pasadena, Calif.-----	30	34	1,649	1,698
Rockford, Ill.-----	(25)	(29)	(1,260)	(1,251)	Portland, Oreg.-----	55	128	4,756	4,688
South Bend, Ind.-----	24	38	1,283	1,258	Sacramento, Calif.-----	58	50	2,499	2,464
Toledo, Ohio-----	74	83	4,657	4,590	San Diego, Calif.-----	64	92	3,921	3,812
Youngstown, Ohio-----	44	59	2,523	2,704	San Francisco, Calif.-----	158	163	8,968	9,111
					San Jose, Calif.-----	(27)	(27)	(1,092)	---
					Seattle, Wash.-----	120	137	6,439	6,294
					Spokane, Wash.-----	39	68	2,196	2,247
					Tacoma, Wash.-----	35	46	1,889	1,887
					Honolulu, Hawaii-----	(33)	(34)	(1,749)	(1,818)
WEST NORTH CENTRAL:									
Des Moines, Iowa-----	49	53	2,595	2,680					
Duluth, Minn.-----	22	27	1,187	1,291					
Kansas City, Mo.-----	33	18	1,358	1,376					
Kansas City, Mo.-----	114	105	5,777	5,749					
Lincoln, Neb.-----	(22)	(18)	(1,186)	---					
Minneapolis, Minn.-----	123	138	6,021	6,132					
Omaha, Neb.-----	53	70	3,301	3,326					

¹Esti.

²Includes estimate for current week.

Symbols.—Parentheses [()]: data not included in table 3; 3 dashes [---]: data not available.

Morbidity and Mortality Weekly Report**SOURCE AND NATURE OF MORBIDITY DATA**

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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